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Amarasinghe et al.

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(54) **SURGICAL IMPLANT FOR TREATING
PELVIC ORGAN PROLAPSE CONDITIONS**

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(57) **ABSTRACT**

An implant including a vaginal portion having a length,
width, first and second ends with a central region positioned
therebetween, and a sacral portion having a length, width,
first end and second end. The first end of the sacral portion
is coupled to the central region of the vaginal portion so that
the width of the first end extends substantially perpendicu-
larly to the length of the vaginal portion. The implant is
made of the same substantially flat, planar mesh having an
anisotropic knitted or woven structure that has a greater
stiffness in a first direction than a second direction. The mesh
is aligned such that the first direction is aligned in a
longitudinal direction of the sacral portion and the mesh of
the vaginal portion is aligned such that the stiffness in a
longitudinal direction of the vaginal portion is less than that
of the sacral portion.

16 Claims, 5 Drawing Sheets

